

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT APPLICATION

5 Entitled : A TILTABLY RETRACTABLE THRUSTER

Inventors :

Assignee :

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ABSTRACT OF THE DISCLOSURE

15 The present invention relates to a retractable
thruster for a surface or submersible vessel, the
thruster comprising a propulsion assembly comprising a
rigid structure secured to a cylindrical turbine, said
rigid structure containing or being suitable for
20 containing a motor, said motor being suitable for
rotating at least one propeller inside said turbine via
at least one rotary shaft between said motor and said
propeller, and preferably further comprising a plate for
closing the hull placed beneath said turbine and secured
25 thereto, said propulsion assembly being displaceable by
displacement means between a retracted position in which
it is at rest inside the hull and a deployed position for
providing propulsion in which the propeller is immersed
beneath the hull. According to the present invention,
30 said displacement means enable said propulsion assembly
to be moved between said retracted and deployed positions
by said propulsion assembly performing uniform circular
movement about an axis of rotation situated substantially
at the level of said hull or beneath said hull.